IN THE CLAIMS

Please add claims 9-11, and amend claims 1-8 as indicated below.

1. (Currently Amended) A system for authenticating a PIN code of a user in an interactive information system in order to run an application, ~~wherein it comprises~~ the system comprising:

> ~~input means for PIN code entry,~~
>
> an input device for entering a PIN code of a user;
>
> [[-]] a security manager configured to:
>
> > receive a request for user authentication from the application;
> >
> > ~~means for comparing the PIN code of the user upon a request for user~~
> > ~~authentication from the application, with a registered PIN code,~~
> > ~~and giving authorisation to run said application if the PIN code of~~
> > ~~the user matches with the registered PIN code, and~~
> >
> > compare a received PIN code of the user with a registered PIN code, in
> > response to said request;
> >
> > supply information to the application about PIN code entering key-
> > pressing operations by the user, wherein the entered PIN code is not
> > supplied to the application; and
> >
> > give authorization to run said application if the PIN code of the user
> > matches the registered PIN code;

> > wherein the application is configured to present a PIN entry field, wherein crypted
> > information corresponding to said information about PIN code entering
> > key-pressing operations received from the security manager is displayed in
> > the PIN entry field.

> > ~~display means for displaying any graphics including a PIN entry field,~~
> > ~~characterised in that the request for user authentication being provided on~~

the display means via the Pin entry field with the look and feel of said application,

the system further comprises emitting means (29,38) for entering crypted digits in said PIN entry field upon entering the PIN code of the user in the security manager means through said input means, and the security manager means (13,33) are arranged to give authorisation to run the application after full entry of said crypted digits and if the PIN code of the user is identical to the registered PIN code.

2. (Currently Amended) A system according to claim 1 characterised in that wherein the application is comprises a television program.

3. (Currently Amended) A system according to claim 1, characterised in that wherein the application is comprises a service provided on a mobile [[T]]telephone.

4. (Currently Amended) A method for authenticating a PIN code of a user in an interactive information system, in order to run an application, the method comprising:

receiving a request from a user to run the application;

the application presenting a PIN entry field in response to said request;

a security manager:

receiving a request for user authentication from the application;

supplying information to the application about PIN code entering key-pressing operations by the user, wherein the entered PIN code is not supplied to the application;

comparing an entered PIN code of the user with a registered PIN code;

giving authorisation to run said application if the PIN code of the user matches the registered PIN code;

wherein the application is configured to present in the PIN entry field crypted information corresponding to the information about PIN code entering key-pressing operations received from the security manager.

~~wherein said information system emits a request for authenticating a user (41), said user enters a PIN code (43) through input means, said PIN code of the user is compared (45) with a registered PIN code within security manager means, and authorisation is provided to run said application if the PIN code of the user matches with the registered PIN code, characterised in that the request for authenticating being provided with a PIN entry field having the look and feel of the application, crypted digits are entered (44) in said PIN entry field, upon entering the PIN code by the user in the security manager means, and authorisation to display the application is only provided (47) after full entry of said crypted digits, and if the PIN code of the user is identical to the registered PIN code as checked by the security manager means.~~

5. (Currently Amended) A method according to claim 4, <u>further comprising:</u>
~~characterised in that, for presenting the request for authentication,~~
the application ~~undertakes the following steps : presenting a PIN entry field to the user (41),~~ asking the security manager ~~means~~ to enter a PIN [[E]]<u>e</u>ntry [[M]]<u>m</u>ode<u>;</u> ~~, the input means comprising keys,~~
checking if keys are pressed by the user<u>;</u> [[, -]] ~~while~~
<u>responsive to</u> keys ~~are~~ <u>being</u> pressed, giving feedback in entering said crypted digits in said PIN entry field<u>;</u> , and [[, -]]
if the user is authenticated by said security manager ~~means~~, giving said authorisation to ~~display~~ <u>run</u> the application.

6. (Currently Amended) A method according to ~~any of claims 4 and~~ <u>claim</u> 5, <u>wherein the method further comprises</u> ~~characterised in that, for providing the authorisation to display the application~~

the security manager ~~means undertakes the following steps : at the request of the application entering a PIN entry mode(50), initialising~~ initializing to empty a PIN repertory; ~~and, the input means comprising keys,~~

waiting for a key to be pressed by the user; [[, -]]

upon occurrence of pressing an ending key, checking if a release occurs;[[,]]

checking the entered PIN against the user's PIN;[[,]] and

if ~~success~~ the entered PIN matches the user's PIN, authorising the application to run.

7. (Currently Amended) A method according to ~~any of claims 4 to 6~~ claim 5, ~~characterised in that~~ wherein the application ~~is~~ comprises a [[T]]television program.

8. (Currently Amended) A method according to ~~any of claims 4 to 6~~ claim 5, ~~characterised in that~~ wherein the application ~~is~~ comprises a service provided on a mobile telephone.

9. (New) A computer readable medium comprising executable instructions for authenticating a PIN code of a user in order to run an application, wherein the program instructions are operable to:

receive a request for user authentication from the application;

compare a received PIN code of the user with a registered PIN code, in response to said request;

supply information to the application about PIN code entering key-pressing operations by the user, wherein the entered PIN code is not supplied to the application; and

give authorization to run said application if the PIN code of the user matches the registered PIN code;

wherein the application is configured to present a PIN entry field, wherein crypted information corresponding to said information about PIN code entering key-pressing operations received from the security manager is displayed in the PIN entry field.

10. (New) A computer readable medium according to claim 9, wherein the application comprises a television program.

11. (New) A computer readable medium according to claim 9, wherein the application comprises a service provided on a mobile telephone.